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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY USSR (Tula Oblast)

DATE DISTR. 17 Jan. 1950

SUBJECT Power Plant of the Combine for Explosives
in Aleksin

NO. OF PAGES 2

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SUPPLEMENT TO
REPORT NO. [REDACTED]

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1. Location:

The power plant in ALEKSIN (37°05' E/54°30' N), Tula Oblast, is located in the southeastern part of the large Explosive Combine No 100, about one mile SSE of the town, and 1,200 feet north of the Oka River.

2. Plant Installations:

One boiler and one turbine were in operation in 1945. Expansion work advanced quickly after 1,000 PWs were assigned to work.

The second boiler was soon in operation, the foundations for the third boiler and the second and third turbines were being laid. The settling pool was being repaired. The transformer station was considerably enlarged by January 1948.

In June 1948 the expansion work on the boiler and turbinehouse was started. It was planned to increase the number of boilers to six and the turbines to four. An underground pipeline connected the boilerhouse with the Oka River. The drained water passes a settling pool to carry ashes to the river. South of the boilerhouse, foundations of a large cooling tower were laid. The work on the cooling tower was discontinued in the summer of 1949. Railroad connection was available. For plant layout, see sketch.

3. Work Force:

200 employees worked in the power plant; 800 PWs as construction workers.

4. Capacity:

Soviets stated that each of the two turbines in operation in the Summer of 1948 had a capacity of 50,000 kws.

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This information furnishes details on the status of the construction and expansion work of the power plant in ALEKSIH. The attached sketch confines and supplements previously reported facts.

Legend to Annex:

- 1 Boilerhouse
 - a Administration
 - b. Extension, about 270x150 feet, under construction, 2 boilers in operation, a third boiler installed, and a fourth one to be installed. South of the boilerhouse two smoke stacks, one of them, in the east, 200 feet high; the one in the west was still under construction
- 2 Turbinehouse and an extension, 360 feet long, still under construction, two turbines in operation. Preparations were being made for the installation of a third turbine. Space for four turbines. Height of the turbine house 66 feet. A passage on the first floor connected the turbinehouse with the boilerhouse.
- 3 Control station, 120x36x45 feet
- 4 Outdoor station, 180x120 feet
- 5 Electro repairshop
- 6 Concrete mixing machines
- 7 Mechanical shop
- 8 Sawmill
- 9 Tower, belonging to Combine 100
- 10 Settling pool
- 11 Guardhouse
- 12 Fire station
- 13 Garage
- 14 Mechanical shop
- 15 Kitchen
- 16 Storage area of goods dismantled in Germany
- 17 Coal storage with railroad connection
- 18 Coal dump
- 19 Coal conveyer belt
- 20 Coal grinding plant
- 21 Foundation for cooling tower
- 22 Water reservoir for cooling purposes
- 23 Dwellings
- 24 Heating pipes to the dwellings
- 25 Water drainage
- 26 Settling pool for water drainage

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